

SEQUENCE LISTING

(1) GENERAL INFORMATION

- (i) APPLICANT: Hillman, Jennifer L.
Goli, Surya K.
- (ii) TITLE OF THE INVENTION: NOVEL MICROTUBULE-ASSOCIATED PROTEIN
- (iii) NUMBER OF SEQUENCES: 3
- (iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: Incyte Pharmaceuticals, Inc.
(B) STREET: 3174 Porter Drive
(C) CITY: Palo Alto
(D) STATE: CA
(E) COUNTRY: USA
(F) ZIP: 94304
- (v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Diskette
(B) COMPUTER: IBM Compatible
(C) OPERATING SYSTEM: DOS
(D) SOFTWARE: FastSEQ for Windows Version 2.0
- (vi) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER: To Be Assigned
(B) FILING DATE: Herewith
(C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER:
(B) FILING DATE:
- (viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: Billings, Lucy J.
(B) REGISTRATION NUMBER: 36,749
(C) REFERENCE/DOCKET NUMBER: PF-0211 US
- (ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: 415-855-0555
(B) TELEFAX: 415-845-4166
(C) TELEX:

(2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 121 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
- (vii) IMMEDIATE SOURCE:
(A) LIBRARY: THYRN0T03
(B) CLONE: 144378
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

09804603-071201

PF-0211-2 DIV

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Met Pro Ser Asp Arg Pro Phe Lys Gln Arg Arg Ser Phe Ala Asp Arg
1          5          10          15
Cys Lys Glu Val Gln Ile Arg Asp Gln His Pro Ser Lys Ile Pro
20          25          30
Val Ile Ile Glu Arg Tyr Lys Gly Glu Lys Gln Leu Pro Val Leu Asp
35          40          45
Lys Thr Lys Phe Leu Val Pro Asp His Val Asn Met Ser Glu Leu Val
50          55          60
Lys Ile Ile Arg Arg Arg Leu Gln Leu Asn Pro Thr Gln Ala Phe Phe
65          70          75          80
Leu Leu Val Asn Gln His Ser Met Val Ser Val Ser Thr Pro Ile Ala
85          90          95
Asp Ile Tyr Glu Gln Glu Lys Asp Glu Asp Gly Phe Leu Tyr Met Val
100          105          110
Tyr Ala Ser Gln Glu Thr Phe Gly Phe
115          120

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(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 640 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(vii) IMMEDIATE SOURCE:

- (A) LIBRARY: THYRN0T03
- (B) CLONE: 1441378

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

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CTCCCGCAGC CGCAGCCGCC GTGCTCAGCG CGAGCCCGCG AGCCCTTGAG CGCGAGGCGC 60
GGAGCCCCGG AGCCCCCAAA CCGCAGACAC ATCCCGCGCG CCCAGAGCCC CGGCCTGCGC 120
GCCCAGCCGG GCCCGCGCGA TGCCCTCAGA CCGGCCTTTC AAGCAGCGCG GGAGCTTCGC 180
CGACCGCTGT AAGGAGGTAC AGCAGATCCG CGACCAGCAC CCCAGCAAAA TCCCGGTGAT 240
CATCGAGCGC TACAAGGGTG AGAAGCAGCT GCCCGTCCGT GACAGACCCA AGTTTTTGGT 300
CCCCAGCCAT GTCAACATGA GCGAGTTGGT CAAGATCATC CGGCCCGGCC TCGAGCTGAA 360
CCCCACGCAG GCCTTCTTCC TGCTGGTGAA CCAGCACAGC ATGGTGAGTG TGTCACGCGC 420
CATCGCGGAC ATCTACGAGC AGGAGAAAGA CGAGGACGGC TTCTCTTATA TGGTCTACGC 480
CTCCCAGGAA ACCTTCGGCT TCTGAGCCAG CAGTAGGGGG GCTCGSCTG GAAGTCGGGG 540
GGCCCCGGTC AGGCCCTGCC CAGAGAGCTT CTGGTTCTCTG AACTGAGCTG CCTCTACCGT 600
GGTGGGCTGG CGAGGCATGT GCCCCCCTAG TCAGAGGGCA 640

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(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 142 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(vii) IMMEDIATE SOURCE:

- (A) LIBRARY: GenBank
- (B) CLONE: 455109

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

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Met Pro Ser Glu Lys Thr Phe Lys Gln Arg Arg Ser Phe Glu Gln Arg
1          5          10          15
Val Glu Asp Val Arg Leu Ile Arg Glu Gln His Pro Thr Lys Ile Pro
20          25          30

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Val	Ile	Ile	Glu	Arg	Tyr	Lys	Gly	Glu	Lys	Gln	Leu	Pro	Val	Leu	Asp
	35						40					45			
Lys	Thr	Lys	Phe	Leu	Val	Pro	Asp	His	Val	Asn	Met	Ser	Glu	Leu	Ile
	50					55					60				
Lys	Ile	Ile	Arg	Arg	Arg	Leu	Gln	Leu	Asn	Ala	Asn	Gln	Ala	Phe	Phe
	65				70					75				80	
Leu	Leu	Val	Asn	Gly	His	Ser	Met	Val	Ser	Val	Ser	Thr	Pro	Ile	Ser
			85					90					95		
Glu	Val	Tyr	Glu	Ser	Glu	Arg	Asp	Glu	Asp	Gly	Phe	Leu	Tyr	Met	Val
		100						105					110		
Tyr	Ala	Ser	Gln	Glu	Thr	Phe	Gly	Thr	Ala	Leu	Ala	Val	Thr	Tyr	Met
	115					120						125			
Ser	Ala	Leu	Lys	Ala	Thr	Ala	Thr	Gly	Arg	Glu	Pro	Cys	Leu		
	130					135					140				